



INSPECTION REPORT

REPORT PREPARED FOR:

- ☒ Generator
☒ Transporter - SEE COMMENTS -
☒ HWM (TSD) Facility - SEE COMMENTS -

FACILITY INFORMATION

Name: Chevron U.S.A., Inc.
Address: 1200 State St.
Perth Amboy, N.J. - 08861
Lot: L1A Block: 478^A / B 479-82
County: Middlesex
Phone: 201-738-2705
EPA ID #: NJD081982902
Date of Inspection: 6-24-85

PARTICIPATING PERSONNEL

State or EPA Personnel: L. Zannelli - NJDEP - DWR
M. Bulris - NJDEP - DWR
R. Paull - NJDEP - DWR
Facility personnel: K. G. Zimis - Environmental
Technician

Report Prepared by Name: L. Zannelli
Region: Central
Telephone #: 609-426-0700
Reviewed by: [Signature]
Date of Review: 7-12-85

FACILITY NAME: Chevron USA, Inc

ADDRESS: 1200 State St

Perth Amboy, NJ - 08801

TIME IN: 0915 hours

COUNTY: Middlesex

TIME OUT: 1530 hours

EPA ID: NJ081982902

DATE OF INSPECTION: 6-24-85

PHOTOS TAKEN ☐ YES

☒ NO

If yes, how many? _____

SAMPLE TAKEN ☒ YES

☐ NO

NO. OF SAMPLES _____

NJDEP ID #

- Well sampling (14) was being conducted during RCRA inspection by DUA-Ercom unit Chris Schiller + Mike Arreola. EPA representatives Steve Hale and Mike Farriola were overseeing sampling.

MANIFESTS REVIEWED ☐ YES

☐ NO

Number of manifests in compliance 99

Number of manifests not in compliance 3

List manifest document numbers of those manifests not in compliance.

From 8/84 (Last RCRA inspection) to Present - 0 shipments
1/85 to Present - approximately 102 shipments.

Manifests not in compliance (see attached copies)

① NSA-0014797 - SWA # for transporter not filled at

② NSA-0014799 - "

③ NSA-0014798 - (did not attach copy) - "

SUMMARY OF FINDINGS

FACILITY DESCRIPTION AND OPERATIONS

Chevron USA, Inc. began operations in approximately 1946. The facility is located on approximately 385 acres of land, and presently 100 workers are employed in the refinery section. A seven day / twenty-four operation is conducted in the processing area. Also located on-site are administrative offices. This facility is a large crude oil refinery, and has operated as such since mid-1982. However, currently, the facility refinery operations produce only asphalt and a small amount of by-products (lighter fractions) naphtha, and #2 Fuel oil. Asphalt operations are closed for the winter months. In addition, the facility operates as a gasoline distribution terminal; no gasoline is produced here presently. Material is either barged in or sent in via pipeline, and distributed to other refineries mostly by trucks and also pipeline.

The facility has notified as a generator, transporter, and a TSDR under RCRA. However, the facility does not transport

-A-

Summary of Findings

Facility Description and Operations

any waste. Facility representative stated that he was unsure if the facility wanted to keep this status or not; they still must make this determination. In the past (as noted in last RCRA inspection conducted on 6-19-84) the facility hauled on-site generated wastes to on-site land treatment facilities only, utilizing one public roadway for a few hundred yards. This was conducted without having received a DEP permit. However, presently contracted private haulers are used for on-site transportation of wastes, and Chevron does no hauling.

In addition, the facility is trying to delist as a TSD facility. (see response letter from DEP dated 5-22-85 - Attachment #1). Presently, RCRA hazardous waste sites include a drum storage area (< 90 day storage generator status as indicated in revised Part A submittal of 1-12-84), an only

Summary of Findings

Facility Description and Operations

sludge land application area (North Field Surge Pond) which is currently inactive, ^{SWC 6} 1018 two surface water run-off lagoons (North Field and East Yard), and portions of the facility's waste water treatment plant. All areas except for the drum storage area are operating under DEP-DWR Grand-water discharge permit #NJ0000221. Additionally, the facility has notified EPA of nine hazardous waste sites under CERCLA. The facility does general groundwater monitoring, and has sent into EPA contact Conrad Simon, a survey on this, and closure will probably have to be included in closure plan. However, presently it appears that the facility has done nothing to properly close these disposal sites.

Describe activities that result in generation of hazardous waste.
(cont)

③ Tank Bottoms - Leaded - disposed of at JCA; last time tanks were cleaned was three to four years ago. -K048

④ Oil spill clean-up material - X725

⑤ Oil/water mixture - process water (water in product) and runoff is sometimes placed in surface impoundment prior to WWTP.

On-site hazardous waste and approximate quantities of each: (cont)

④ API separators - #2 - 160 cu. yd. capacity - K051
#3 - 130 cu. yd. capacity - K051

⑤ Sodium Sulfide Solution - 426,174 gallons - Tank storage
20,000 gallons Railcar intended for off-site shipment to paper co.

Total	446,174
Gallons	

⑥ Drum Storage Area:

a. 22 fifty-five gallon drums - oil spill clean-up material - X725

b. 7 recovery drums hazardous waste liquid - containing mercaptan - D001

- Odorous used in propane gas which facility stopped using -
Total Drums - 29 (7 in Base only storage - X725)

Describe the activities that result in the generation of hazardous waste.

① API separator solids - used to Landfarm since 10/80
disposed of at Fondessy, Ohio. Last time landfarm
was cleaned out was mid-1984.

② Tank Bottoms - unleaded - disposed of at
either Fondessy or in impoundments.
- see opposite page -

Identify the hazardous waste located on site, and estimate the approximate quantities of each.
(Identify Waste Codes)

① Surface Impoundments: - see Attachment #3 - map.
hazardous waste locations.

a. East Yard - stormwater runoff retention basin.
Approximately 115 acres in size - 149 mg
estimate of sludge - 2,000 cu. yds
Free liquid - 6800 cu. yds.

b. North Field - stormwater runoff retention basin.
estimate of sludge - 40,000 cu. yds - 1049
free liquid - 35,000 cu. yds.

c. North Field surge pond - oily material (solids) - not used ^{in yrs}

② Land Treatment - Oily waste land application,
area not used since 10/82
oily soil - approximately 5,400 cu. yds.

③ IAF recovery tanks - (Induced Air Flotation)
V-723 - 34,000 gallons (capacity) - ^{presently} storing 14,280 gallons
V-733, 734, 735 - combined capacity of 90,000 gallons
presently empty, ^{air} use during plant
shutdowns.

- see opposite page -

GENERATOR INSPECTION CHECKLIST

		YES	NO	N/A
7:26-8.5	<u>Hazardous waste determination</u>			
	(a) Did the generator test its waste to determine whether it is hazardous?	✓	—	—
	Is the waste hazardous?	✓	—	—
7:26-8.5(b)2	Is the generator determining that its waste exhibits a hazardous waste characteristic(s) based on its knowledge of the material(s) or processes used?	✓	—	—
	Has hazardous waste been shipped off site since November 19, 1980?	✓	—	—
	If yes, how many shipments, off site, have been made and describe the <u>approximate size of an average shipment made on a monthly basis</u> . If facility is a small quantity generator, please explain.			
	1984 - since last RCRA inspection (6-19-84) - 0 Shipments 11/85 to Present - Approximately 102 shipments slip oil emulsions to North Field - 18 shipments / month Average 7000 gal. / shipment			
7:26-7.4(a)1	Does the generator have an EPA ID #?	✓	—	—
7:26-7.4(a)4	Does each manifest have the following information? Please circle the elements missing and obtain a copy of the incomplete manifests. (List those manifests that are deficient)	✓	—	—
7:26-7.4(a)4i	The generator's name, address and phone number?	✓	—	—
7:26-7.4(a)4ii	The generator's EPA ID number?	✓	—	—
7:26-7.4(a)4iii	The transporter(s) name, address and phone number?	✓	—	—
	- No transporter SWA# - see confidential			
7:26-7.4(a)4iv	The transporter(s) EPA ID number?	✓	—	—
7:26-7.4(a)4v	The name, address and phone number of the designated TSD facility?	✓	—	—
7:26-7.4(a)4vi	The TSDF's EPA ID number?	✓	—	—
7:26-7.4(a)4vii	The name, type and quantity of hazardous waste being shipped, including such particulars as may be required regarding same?	✓	—	—

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-7.4(a)4viii	Special handling instructions and any other information required on the form to be shipped by the generator?	✓	—	—
7:26-7.4(a)5	Before allowing the manifested waste to leave the generator's property, did the generator:			
7:26-7.4(a)5i	Sign the manifest certification by hand?	✓	—	—
7:26-7.4(a)5ii	Obtain the handwritten signature of the initial transporter and date of acceptance on the manifest? - No SWA H - see confidential	✓	—	—
7:26-7.4(a)5iii	Retain one copy and forward one copy to the state of origin and one copy to the state of destination?	✓	—	—
7:26-7.4(a)5iv	Give remaining copies of the manifest form to the transporter?	✓	—	—
7:26-7.4(f)1	Has the generator maintained facility records for three (3) years? (Manifest(s), exception report(s) and waste analysis)	✓	—	—
7:26-7.4(h)1	Has the generator received signed copies of portion B (from the TSD facility) of all manifests for waste shipped off site more than 35 days ago?	✓	—	—
7:26-7.4(h)2	If not:			
	1. Did the generator contact the hauler and/or the owner or operator of the TSD and the NJDEP at 609-292-9877 to inform the NJDEP of the situation, and	—	—	✓
	2. Have exception reports been submitted to the Department covering any of these shipments made more than 45 days ago?	—	—	✓
	Before transporting or offering hazardous waste for transportation off site, does the generator?			
7:26-7.2(a)	Conspicuously label appropriate manifest numbers on all hazardous waste containers that are intended for shipment?	—	—	✓
7:26-7.2(b)	Insure that all containers used to transport hazardous waste off site are in conformance with applicable DOT regulations (i.e., 49 CFR 171 - 49 CFR 179)?	✓	—	—

YES NO N/A

7:26-9.3

Accumulation time

How is waste accumulated on site?

- ☒ Containers
☒ Tanks (complete HWMF checklist)
☒ Aboveground ☐ Below ground
☒ Surface impoundments (complete HWMF checklist)
☐ Piles (complete HWMF checklist)

7:26-9.3(a)3

Is each container clearly dated with each period of accumulation so as to be visible for inspection?

— ✓ —

7:26-9.3(a)1

Is waste accumulated for more than 90 days?

✓ — —

If yes, complete HWMF checklist.

STOP HERE IF THE HAZARDOUS WASTE MANAGEMENT FACILITY (TSD) CHECKLIST IS FILLED OUT.

- Co. claims on revised Part A submitted of 1-12-84 that drummed waste is stored < 90 days - 22 drums noted in storage since 8-24-84.

- SEE TSDF section -

SHORT TERM ACCUMULATION STANDARDS (FOR GENERATORS WHO ACCUMULATE WASTE IN CONTAINERS FOR 90 DAYS OR LESS)

		YES	NO	N/A
7:26-9.4	<u>Containers</u> What type of containers are used for storage. Describe the size, type and quantity and nature of waste (e.g., 12 fifty five gallon drums of waste acetone).			
7:26-9.4(d)1i	Do the containers appear to be in good condition, not in danger of leaking? If no, please describe the type, condition and number of leaking or corroded containers. Be detailed and specific.			
7:26-9.4(d)4i	Are all containers securely closed except those in use?			
7:26-9.4(d)4iii	Do containers appear to be properly handled or stored in a manner which will minimize the risk of the container rupturing or leaking?			
7:26-9.4(d)4iv	Are containerized hazardous waste segregated in storage by waste type?			
7:26-9.4(d)4v	Is every container arranged so that its identification label is visible?			
7:26-9.4(d)5	Is the storage area inspected at least daily?			
7:26-9.4(d)6	Are containers holding ignitable and reactive wastes located at least 50 feet (15 meters) from the facility's property line?			
7:26-11.2	<u>Tanks</u>			
7:26-12.1(a)	Does the generator store hazardous waste in tanks? If yes, what are the approximate number and size of tanks containing hazardous waste?			

Identify the waste treated/stored in each tank.

		YES	NO	N/A
<u>General Operating Requirements</u>				
7:26-11.2(a)2	Are the tanks maintained so that there is no evidence of past, present, or risk of future leaks?	—	—	✓
	If no, please explain.			
	Are there leaking tanks?	—	—	—
7:26-11.2(a)2	Are all hazardous wastes or treatment reagents being placed in tanks compatible with the tank material so that there is no danger of ruptures, corrosion, leaks or other failures?	—	—	—
7:26-11.2(3)	Do uncovered tanks have at least 2 feet of freeboard or an adequate containment structure?	—	—	—
7:26-11.2(a)4	If waste is continuously fed into a tank, is the tank equipped with a means to stop the inflow from the tank, e.g., bypass system to a standby tank?	—	—	—
7:26-11.2(d)	<u>Inspections</u>			
	Is the tank(s) inspected each operating day for:			
	1. Discharge control equipment	—	—	—
	2. Monitoring equipment	—	—	—
	3. Level of waste in tank	—	—	—
	4. Construction of materials of the tank	—	—	—
	5. Are the tanks and surrounding areas (e.g., dike) inspected weekly for leaks, corrosion or other failures?	—	—	—
7:26-9.2(b)	Are there underground tanks used to store hazardous waste?	—	—	—
	If yes, how many and can they be entered for inspection?	—	—	—
7:26-11.2(e)	Are ignitable or reactive wastes stored in a manner which protects them from a source of ignition or reaction?	—	—	✓
	If no, please explain.			

		YES	NO	N/A
7:26-11.2(f)	Does it appear that incompatible wastes are being stored separate from each other?	—	—	✓
7:26-9.4(g)4	<u>Personnel training</u>			
	Have facility personnel successfully completed a program of classroom instruction or on-the-job training since six months after the date of their employment or assignment to the facility or to a new position at the facility?	—	—	—
7:26-9.4(g)2	Is the program directed by a person trained in hazardous waste management procedures and does it include instruction which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed?	—	—	—
7:26-9.4(g)5	If yes, have facility personnel taken part in an annual review of the initial training?	—	—	—
	Is there written documentation of the following:			
7:26-9.4(g)6i	Job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job?	—	—	—
7:26-9.4(g)6ii	A written job description for each position related to hazardous waste management?	—	—	—
7:26-9.4(g)6iii	A written description of the type and amount of both introductory and continuing training that has been and will be given to personnel in jobs related to hazardous waste management?	—	—	—
7:26-9.4(g)6iv	Documentation of actual training or experience received by personnel?	—	—	—
7:26-9.4(g)7	Are training records kept on all current employees until closure of the facility and training records kept on former employees for three years from their last date of employment?	—	—	—
7:26-9.4(g)8	Are semi-annual drills conducted involving all employees and appropriate local authorities to test emergency response capabilities at the facility in accordance with the contingency plan and emergency procedures development pursuant to NJAC 7:26-9.7?	—	—	✓

YES NO N/A

7:26-9.6

Preparedness and prevention

Does the facility comply with preparedness
and prevention requirements including
maintaining:

✓

		YES	NO	N/A
7:26-9.6(b)1	An internal communications or alarm system?	—	—	✓
7:26-9.6(b)2	A telephone or other device to summon emergency assistance from local authorities?	—	—	—
7:26-9.6(b)3	Portable fire equipment, spill control equipment, and decontamination equipment?	—	—	—
7:26-9.6(b)4	Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems?	—	—	—
7:26-9.6(c)	Is equipment tested and maintained?	—	—	—
7:26-9.6(d)1	Is there immediate access to communications or alarm systems during handling of hazardous waste?	—	—	—
7:26-9.6(e)	Adequate aisle space to allow unobstructed movement of personnel fire protection equipment, spill control equipment and decontamination equipment?	—	—	—
	If no, please explain.			
	In your opinion, do the types of waste on site require all of the above procedures, or are some not required?	—	—	—
	Explain.			
7:26-9.6(f)	Has the facility made the following arrangements, as appropriate for the type of waste handled on site:	—	—	—
7:26-9.6(f)1	Familiarize police, fire departments and emergency response teams with the layout of the facility and hazardous waste handled?	—	—	—
7:26-9.6(f)2	Where more than one police and fire department might respond to an emergency, is there an agreement designating primary emergency authority to a specific police or fire department, and agreements with any others to provide support to the primary emergency authority?	—	—	✓

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-9.6(f)3	Agreements with emergency response contractors, and equipment suppliers?	—	—	✓
7:26-9.6(f)4	Arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and the types of injuries or illnesses which could result from fires, explosions, or discharges at the facility?	—	—	—
7:26-9.6(f)5	Arrangements with local fire departments to inspect the facility on a regular basis with at least two (2) inspections annually?	—	—	—
7:26-9.7	<u>Contingency plan and emergency procedures</u>			
7:26-9.7(a)	Does the facility have a written contingency plan for emergency procedures designed to deal with fires, explosions, hazards to human health or environment, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water?	—	—	—
7:26-9.7(b)	Are provisions of the plan carried out immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment?	—	—	—
7:26-9.7(c)	Does the contingency plan describe the actions facility personnel shall take in response to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water at the facility?	—	—	—
7:26-9.7(d)	Did the owner or operator prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan in accordance with 40 CFR 112 or 151 or a Discharge Prevention, Containment and Countermeasure (DPCC) Plan in accordance with N.J.A.C. 7:1E-4.1 et seq.?	—	—	—
	If yes, did the owner or operator amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this section?	—	—	—
7:26-9.7(e)	Does the plan describe arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services?	—	—	✓

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-9.7(f)	Does the plan list names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator and is this list kept up to date? Where more than one person is listed, one shall be named as primary emergency coordinator and others shall be listed in the order in which they will assume responsibility as alternates.	—	—	✓
7:26-9.7(g)	Does the plan include a list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment), where this equipment is required? Is the list kept up-to-date? In addition, does the plan include the location and a physical description of each item on the list, and a brief outline of its capabilities?	—	—	—
7:26-9.7(h)	Does the plan include an evacuation procedure for facility personnel where there is a possibility that evacuation could be necessary? Does this plan describe signal(s) to be used to begin evacuation, evacuation routes, and alternative evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires)?	—	—	—
7:26-9.7(i)	Is a copy of the contingency plan and all revisions to the plan:	—	—	—
	1. Maintained at the facility; and	—	—	—
	2. Has the contingency plan been submitted to local authorities (police fire departments, emergency response teams)?	—	—	✓

TRANSPORTER INSPECTION - (V. is registered as a transporter, but no longer haul waste)

- Use a private hauling firm -

Does the transporter carry hazardous waste?
If yes, explain.

YES NO N/A

— — ✓ —

7:26-7.5(c)1

Has the transporter obtained a hazardous waste collector/hauler license from the NJDEP?
License #:

— — ✓

7:26-7.5(d)1

Does the transporter have an EPA identification number?

— — —

7:26-3.4(h)

Do the vehicle(s) have the NJSWA registration number in letters and numbers at least three (3) inches in height?

— — —

7:26-3.4(h)

Is the capacity of the vehicle marked on both sides of the vehicle in letters and numbers at least three (3) inches in height?

— — —

7:26-3.4(h)

Is the current NJSWA registration certificate in the vehicle?

— — —

7:26-3.2(b)

Does the license plate number and registration number on the certificate correspond to the vehicle's license plate number and the registration number displayed on the vehicle?

— — —

7:26-7.5(d)18

Does the transporter have in each registered vehicle a current list of all federal and state agencies to be notified in the event of a discharge of hazardous waste during transportation?

— — —

How many vehicles were inspected?

7:26-7.5(d)12

Have the drivers received any instruction or training to do with the handling of hazardous waste?

— — —

7:26-7.5(d)15

Is the transporter equipped with emergency equipment in conformance with subpart H of 49 CFR 393? List equipment.

— — —

↓

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-7.5(f)1i to iv	Has the transporter ever had an unauthorized discharge of hazardous waste during transportation?	—	—	✓
	If yes, did the transporter:			
7:26-7.5(f)3i	Give notice, if required by 49 CFR 171.15 to the National Response Center?	—	—	—
7:26-7.5(f)3ii	Report in writing as required by 49 CFR 171.16 to the Director, Office of Hazardous Materials, Transportation Bureau, Department of Transportation, Washington, DC 20590?	—	—	—
7:26-7.5(f)3iii	Contact the Department at 609-292-5560 or 609-292-7172?	—	—	—

MANIFESTS

7:26-7.5(d)5	Does the transporter have a manifest form to accompany the waste shipment?	—	—	—
	Manifest document number: _____			
7:26-7.3(a)1	If the shipment originated from a site in New Jersey and is destined for another site in New Jersey, is the manifest form one supplied by the NJDEP?	—	—	—
7:26-7.3(a)2	If the shipment originated from a site in another state and is destined for a TSDF in New Jersey, is the manifest form one supplied by the NJDEP or one approved for use in New Jersey by the Department?	—	—	—
7:26-7.3(a)3	If the shipment originated from a site in New Jersey and is destined for a TSDF in another state, is the manifest form one supplied by the NJDEP or one approved for use by the Department?	—	—	—
7:26-7.5(d)11	If the hauler was unable to deliver a manifested load to the designated facility, did they contact the generator and gain further instructions from them?	—	—	✓
	If yes, cite generator name and manifest number involved.			

HAZARDOUS WASTE FACILITY STANDARDS

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-9.4(b)	<u>Waste Analysis</u>			
7:26-9.4(b)1i	Is there a detailed chemical and physical analysis of a representative sample of the waste(s) or each waste? (At a minimum, this analysis must contain all the information necessary for proper treatment, storage or disposal of the waste.)	✓	—	—
7:26-9.4(b)1iii	Does the character of the waste handled at the facility change from day to day, week to week, etc., thus requiring frequent testing? Check only one: Waste characteristics vary All waste(s) are basically the same ✓ Company treats all waste(s) as hazardous	—	—	—
7:26-9.4(b)2	Is there a written waste analysis plan at the facility? Does it contain:	✓	—	—
7:26-9.4(2)i	Parameters for which each hazardous waste stream will be analyzed including constituents listed in NJAC 7:26-8.16 and the rationale for the selection of these parameters? - For Listed Hazardous Waste Parameters -	✓	—	—
7:26-9.4(b)2ii	The test methods which will be used to test for these parameters?	✓	—	—
7:26-9.4(b)2iii	The sampling method which will be used to obtain a representative sample of the waste to be analyzed?	✓	—	—
7:26-9.4(b)2iv	The frequency with which the initial analysis of the waste will be reviewed or repeated to ensure that the analysis is accurate and up-to-date?	✓	—	—
7:26-9.4(b)2v	For off-site facilities, the waste analysis that hazardous waste generators have agreed to supply?	—	—	✓
7:26-9.4(b)2vii	Procedures which will be used to identify changes in waste stream characteristics?	—	—	✓
7:26-9.4(b)3	Did the owner or operator submit the waste analysis plan to the Department?	—	✓	—
	If yes, when was the plan submitted?			

	<u>YES</u>	<u>NO</u>	<u>N/A</u>
Does hazardous waste come to this facility from an outside source? (e.g., another generator)	—	—	✓

If yes, list the name(s) of generators.

7:26-9.4(b)4	If waste comes from an outside source, are there procedures in the waste analysis plan to insure that waste received conforms to the accompanying manifest?	—	—	✓
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Does the plan describe:

7:26-9.4(b)4i	The procedures which will be used to determine the identity of each shipment of waste managed at the facility?	—	—	✓
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7:26-9.4(b)4ii	The sampling method which will be used to obtain a representative sample of the waste to be identified, if the identification method includes sampling?	—	—	✓
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7:7:26-9.4(h) Security

Does the facility have:

7:26-9.4(h)1i	A 24 hour surveillance system which continuously monitors and controls entry onto the active portion of the facility?	✓	—	—
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7:26-9.4(h)1ii	An artificial or natural barrier, which completely surrounds the active portion of the facility; and a means to control entry, at all times, through the gates or other entrances to the active portion of the facility?	✓	—	—
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7:26-9.4(h)3	Are there "Danger-Unauthorized Personnel Keep Out" signs posted at each entrance to the facility?	✓	—	—
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If no, explain what measures are taken for security.

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-9.4(f)	<u>General Inspection Requirements</u>			
7:26-9.4(f)1	Does the owner or operator inspect the facility for malfunctions and deterioration, operator errors and discharges which may be causing, or may lead to:			
7:26-9.4(f)1i	Discharge of hazardous waste constituents to the environment?	✓	—	—
7:26-9.4(f)1ii	A threat to human health?	✓	—	—
7:26-9.4(f)3	Has the owner or operator developed, and does the owner or operator follow a written schedule for inspecting monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment that are utilized for the prevention, detection or response to environmental or human health?	✓	—	—
7:26-9.4(f)3i	Did the owner or operator submit the written inspection schedule to the department?	—	✓	—
	If yes, when was it submitted?			
7:26-9.4(f)3iii	Is the written inspection schedule kept at the facility?	✓	—	—
7:26-9.4(f)3iv	Does the schedule identify the types of problems to be looked for during the inspection?	✓	—	—
7:26-9.4(f)3v	Does the schedule include the frequency of inspection, based upon the rate of possible deterioration of the equipment and the probability of an environmental, or human health incident if the deterioration or malfunctions or any operator error goes undetected between inspections?	✓	—	—
7:26-9.4(f)5	Is there evidence that problems reported in the inspection log have been remedied?	✓	—	—
7:26-9.4(f)6	Does the owner/operator record inspections in a log?	✓	—	—
	Are these records kept for at least three (3) years from the date of inspection?	✓	—	—

YES NO N/A

Does the records include the date, and time of the inspection, the name of the inspector, a notation of the observations made, and the date and nature of any repairs or other remedial action?

✓ — —

7:26-9.4(g)

Personnel training

Have facility personnel successfully completed a program of classroom instruction or on-the-job training within 6 months of having been employed?

used to have on-site Training Center which closed down a year ago

✓ — —

7:26-9.4(g)2

Is the program directed by a person trained in hazardous waste management procedures and does it include instruction which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed?

✓ — —

7:26-9.4(g)5

If yes, have facility personnel taken part in an annual review of training?

✓ — —

Is there written documentation of the following:

✓ — —

7:26-9.4(g)6i

Job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job?

✓ — —

7:26-9.4(g)6ii

A written job description for each position related to hazardous waste management?

✓ — —

7:26-9.4(g)6iii

A written description of the type and amount of both introductory and continuing training given to personnel in jobs related to hazardous waste management?

✓ — —

7:26-9.4(g)6iv

Documentation of actual training or experience received by personnel?

✓ — —

7:26-9.4(g)7

Are training records kept on all current employees until closure of the facility and training records kept on former employees for 3 years from their last date of employment?

✓ — —

7:26-9.4(g)8

Are semi-annual drills conducted involving all employees and appropriate local authorities to test emergency response capabilities at the facility in accordance with the contingency plan and emergency procedures development pursuant to NJAC 7:26-9.7?

✓ — —

Fire Training Procedures - semi-annually; no evacuation drills

YES NO N/A

7:26-9.6 Preparedness and prevention

Does the facility comply with preparedness and prevention requirements including maintaining:

- | | | | | |
|--------------|--|-------------------------------------|--------------------------|--------------------------|
| 7:26-9.6(b)1 | An internal communications or alarm system? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7:26-9.6(b)2 | A telephone or other device to summon emergency assistance from local authorities? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7:26-9.6(b)3 | Portable fire equipment, spill control equipment, and decontamination equipment? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7:26-9.6(b)4 | Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7:26-9.6(c) | Is equipment tested and maintained? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7:26-9.6(d)1 | Is there immediate access to communications or alarm systems during handling of hazardous waste? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7:26-9.6(e) | Adequate aisle space to allow unobstructed movement of personnel fire protection equipment, spill control equipment and decontamination equipment? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Have 2 Full-Time Fire Inspectors

If no, please explain.

In your opinion, do the types of waste on site require all of the above procedures, or are some not required?

Explain.

☒ ☐ ☐

7:26-9.6(f) Has the facility made the following arrangements, as appropriate for the type of waste handled on site?

- | | | | | |
|--------------|--|-------------------------------------|--------------------------|--------------------------|
| 7:26-9.6(f)1 | Familiarize police, fire departments and emergency response teams with the layout of the facility and hazardous waste handled? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--------------|--|-------------------------------------|--------------------------|--------------------------|

YES NO N/A

7:26-9.6(f)2

Where more than one police and fire department might respond to an emergency, is there an agreement designating primary emergency authority to a specific police or fire department, and agreements with any others to provide support to the primary emergency authority?

✓ — —

7:26-9.6(f)3

Agreements with emergency response contractors, and equipment suppliers?

✓ — —

7:26-9.6(f)4

Arrangements to familiarize local hospitals with the properties of hazardous waste handled at the facility and the types of injuries or illnesses which could result from fires, explosions, or discharges at the facility?

No formal documentation w/ Perth Amboy Hospital ✓

7:26-9.6(f)5

Arrangements with local fire departments to inspect the facility on a regular basis with at least two (2) inspections annually?

No on-site nurses or doctors

✓ — —

7:26-9.7

Also on-site Fire Brigade (12-15 people) who

Contingency plan and emergency procedures

check some systems.

7:26-9.7(a)

Does the facility have a written contingency plan for emergency procedures designed to deal with fires, explosions, hazards to human health or environment, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water?

✓ — —

7:26-9.7(b)

Are provisions of the plan carried out immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment?

✓ — —

7:26-9.7(c)

Does the contingency plan describe the actions facility personnel shall take in response to fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water at the facility?

✓ — —

7:26-9.7(d)

Did the owner or operator prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan in accordance with 40 CFR 112 or 151 or a Discharge Prevention, Containment and Countermeasure (DPCP) Plan in accordance with N.J.A.C. 7:1E-4.1 et seq.?

12-28-83 + submitted to

EPA on 1/84

If yes, did the owner or operator amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this section?

— ✓ —

All material handled as waste

7:26-9.7(e)

Does the plan describe arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services?

✓ — —

7:26-9.7(f)

Does the plan list names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator and is this list kept up-to-date? Where more than one person is listed, one shall be named as primary emergency coordinator and others shall assume responsibility as alternates.

✓ — —

7:26-9.7(g)

Does the plan include a list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment), where this equipment is required? Is the list kept up-to-date? In addition, does the plan include the location and a physical description of each item on the list, and a brief outline of its capabilities?

✓ — —

7:26-9.7(h)

Does the plan include an evacuation procedure for facility personnel where there is a possibility that evacuation could be necessary? Does this plan describe signal(s) to be used to begin evacuation, evacuation routes, and alternative evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires)?

— ✓ —

7:26-9.7(i)

Is a copy of the contingency plan and all revisions to the plan:

1. Maintained at the facility; and

✓ — —

2. Has the contingency plan been submitted to local authorities (police, fire departments, emergency response teams)?

— ✓ —

7:26-9.8

Closure plan

Only submitted to Middlesex County Air

7:26-9.8(c)

Does the facility have a written closure plan?

✓ — —

Does the owner/operator keep a written copy of the closure plan and all revisions to the plan at the facility?

✓ — —

If yes, does the plan include:

*submitted 3/21/81 to DEP DWR
+
EPA*

		YES	NO	N/A
7:26-9.8(e)1i	A description of how and when the facility will be partially closed (if applicable) and ultimately closed?	✓	—	—
7:26-9.8(e)1ii	The maximum extent of the operation which will be open during the life of the facility?	✓	—	—
7:26-9.8(e)2	An estimate of the maximum inventory of wastes in storage or in treatment at any given time during the life of the facility?	✓	—	—
7:26-9.8(e)3	A description of the steps needed to decontaminate facility equipment during closure?	✓	—	—
7:26-9.8(e)4	A schedule for final closure including the anticipated date when the wastes will no longer be received, the date when completion of final closure is anticipated, and intervening milestone dates which will allow tracking of the progress of closure?	✓	—	—
	<u>Post Closure Plan</u> - doesn't include drum			
7:26-9.9(g)	Does the facility have a written post-closure plan kept at the facility?	✓	—	—
	If yes, does the plan:			
7:26-9.9(i)	Identify the activities which will be carried on after closure and the frequency of these activities?	✓	—	—
7:26-9.9(i)1	Include a description of the planned ground-water monitoring activities and frequencies at which they will be performed?	✓	—	—
7:26-9.9(i)2	Include a description of the planned maintenance activities, and frequency at which they will be performed, to insure the following:	✓	—	—
7:26-9.9(i)2i	The integrity of the cap and final cover or other containment structures where applicable?	✓	—	—
7:26-9.9(i)2ii	Describe the function of the facility monitoring equipment?	✓	—	—
7:26-9.9(i)3	Include the name, address and phone number of a person or office to contact about the disposal facility during the post-closure period?	✓	—	—
	Does the owner/operator have a written estimate of the cost of post-closure for the facility?	✓	—	—
	If yes, what is it?			

Please circle all appropriate activities and answer questions on indicated pages for all activities circled.

Storage

Treatment *mixing*

Disposal

Container - pg. 9

Tank - pg. 12

Landfill - pg. 18

Tank, above ground - pg. 12

Surface Impoundments - pg. 15

Tank, below ground - pg. 12

Incineration - pg. 20

Surface Impoundments - pg. 15

Surface Impoundments - pg. 15

Thermal Treatment - pg. 23

Other _____

Waste Piles - pg. 17

Other _____

Chemical, Physical and
Biological Treatment - pg. 25

Other _____

YES NO N/A

7:26-9.4(d)

Containers

What type of containers are used for storage?
Describe the size, type, quantity and nature
of wastes (e.g., 12 fifty-five gallon drums
of waste acetone)

- see page B for hazardous waste listing -

7:26-10.4(b)

Is there a containment system for spills,
leaks and precipitation?

✓

Is yes, describe the containment system.

100' x 200' drum storage area

7:26-9.4(d)(1)

Do the containers appear to be of sturdy leak-
proof construction of adequate wall thickness,
weld, hinge and seam strength, and of
sufficient material strength to withstand
side and bottom shock, while filled, without
impairment of the container's ability to
contain hazardous waste?

✓

If no, explain.

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-9.4(d)1ii	Are the lids, caps, hinges or other closure devices of sufficient strength that when closed, they will withstand dropping, overturning or other shock without impairment of the container's ability to contain hazardous waste?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	If no, explain.			
7:26-9.4(d)2	Do the containers appear to be in good condition, not in danger of leaking?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7:26-9.4(d)2	If not, please describe the type, condition and number of leaking or corroded containers. Be detailed and specific.			
7:26-9.4(d)4i	Are all containers securely closed, except those in use, so that there is no escape of hazardous waste or its vapors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	If no, explain.			
7:26-9.4(d)4iii	Do containers appear to be properly opened, handled or stored in a manner which will minimize the risk of the container rupturing or leaking?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	If no, explain.			
7:26-9.4(d)iv	Are containerized hazardous wastes segregated in storage by waste type?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7:26-9.4(d)v	Are containerized hazardous wastes arranged so that their identification label is visible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7:26-9.4(d)3	Are hazardous wastes stored in containers made of compatible materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

YES NO N/A

- 7:26-9.4(d)5 Does the owner/operator inspect the container storage area at least daily, looking for leaks and for deterioration caused by corrosion or other factors? *Can't find files, thinks it's documented weekly* ✓ — —
- 7:26-9.4(d)6 Are containers holding ignitable and reactive waste located at least 50 feet (15 meters) away from the facility's property line? *Ignitable stored 20' from property line* — ✓ —
- 7:26-9.4(d)7i Are incompatible wastes, or incompatible wastes and materials placed in the same container? — ✓ —

If yes, explain.

- 7:26-9.4(d)7ii Are hazardous wastes placed in unwashed containers that previously held incompatible wastes? — ✓ —

If yes, explain.

- 7:26-9.4(d)7iii Are containers holding hazardous waste that are incompatible with any waste or other materials stored nearby in other containers, open tanks, or surface impoundments separated from the other materials or protected from them by means of a dike, berm, wall or other device? ✓ — ✓

- 7:26-9.4(e)1i Are ignitable, reactive or incompatible wastes protected from sources of ignition or reaction? ✓ — —

If no, explain.

- 7:26-9.4(e)1ii Does the owner/operator confine smoking and open flames to specially designated locations when ignitable or reactive wastes are being handled? ✓ — —

If no, explain.

YES NO N/A

7:26-9.4(e)1iii

Does the owner/operator conspicuously place "No Smoking" signs whenever there is a hazard from ignitable or reactive waste?

✓ — —

If the treatment, storage or disposal of ignitable or reactive waste, and the mixture of incompatible wastes and materials, conducted so that it does not:

7:26-9.4(e)2i

Generate extreme heat or pressure, fire or explosion, or violent reaction?

✓ — —

7:26-9.4(e)2ii

Produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health?

✓ — —

7:26-9.4(e)2iii

Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosion?

✓ — —

7:26-9.4(e)2iv

Damage the structural integrity of the device or facility containing the waste?

✓ — —

7:26-9.4(e)2v

Threaten human health or the environment?

✓ — —

7:26-11.2

Tanks

What are the approximate number and size of tanks containing hazardous waste?

Caustic
Tank 323 403,200 gallons - ALSO see page 8 -
325 386,400
See water handling - 2 tanks
1.68 million gallons

Identify the waste treated/stored in each tank.

General Operating Requirements

7:26-11.2(a)2

Are hazardous wastes or treatment reagents placed in the tank that could cause the tank or its inner liner to rupture, leak or corrode?

— — —

If yes, please explain.

Are there leaking tanks?

— — —

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-11.2(a)2	Are all hazardous wastes or treatment reagents being placed in tanks compatible with the tank material so that there is no danger of ruptures, corrosion, leaks or other failures?	✓	—	—
7:26-11.2(3)	Do uncovered tanks have at least 2 feet of freeboard or an adequate containment structure?	—	—	✓
7:26-11.2(a)4	If waste is continuously fed into a tank, is the tank equipped with a means to stop the inflow from the tank, e.g., bypass system to a standby tank?	—	—	✓
7:26-11.2(c)	<u>Inspections</u>			
	Is the tank(s) inspected for:			
	1. Discharge control equipment (each operating day)	✓	—	—
	2. Monitoring equipment (each operating day)	✓	—	—
	3. Level of waste in tank (each operating day)	✓	—	—
	4. Construction of materials of the tank (weekly)	✓	—	—
	5. Are the tanks and surrounding areas (e.g., dike) inspected weekly for leaks, corrosion or other failures (weekly)?	✓	—	—
7:26-9.2(b)	Are there underground tanks used to store hazardous waste?	—	—	✓
	If yes, how many and can they be entered for inspection?	—	—	✓
	Has the underground tank been in use on or before November 19, 1980? Specify date.	—	—	✓
	If no, when was the tank placed in use?			
7:26-11.2(e)	Are ignitable or reactive wastes stored in a manner which protects them from a source of ignition or reaction?	✓	—	—
	If no, please explain.			

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-11.2(f)	Does it appear that incompatible wastes are being stored separate from each other?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7:26-9.2(b)3i	Does the facility have a groundwater monitoring plan approved by the Department?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7:26-9.2(b)3ii	Is the use of the tank specified to the manufacturers recommended lifetime?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7:26-10.5(e)6	Are the underground tanks subjected to periodic integrity testing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

YES NO N/A

7:14A-6

Groundwater monitoring

(Applies only to: surface impoundments, landfills, land disposal facilities)

7:14A-6.2

Does the owner/operator have a groundwater monitoring plan approved by the Department and capable of determining the facility's impact on the quality of groundwater?

— ☒ —

If no, please explain.

permit just issued on 6/15/85

How many monitoring wells has the facility installed?

14

What is the depth to groundwater?

Average 19'-50'

How many deep monitoring wells are onsite?
(Indicate depth of monitoring wells)

2

How many shallow monitoring wells are onsite?
(Indicate depth of monitoring wells)

12

7:14A-6.3(a)

Is the groundwater monitoring system capable of yielding groundwater samples for analysis?

☒ — —

If no, please explain.

7:14A-6.3(a)1

Are monitoring wells installed hydraulically upgradient?

☒ — —

If yes, specify how many and the depth of each.

Three

Landform - LF 1B - 27.5'
North Field - NE 9C 33.9'

Revision II
9/6/84 WCH

SE 4rd - SB-13B - 18.7'

7:14A-6.3(a)2

How many monitoring wells are installed hydraulically down gradient? 9

YES NO N/A

— — —

If yes, specify how many and the depth of each.

-SEE Attachment #4-

7:14A-6.4(a)

Does the owner/operator have a groundwater sampling and analysis plan?

✓ — —

If no, please explain.

7:14A-6.4(a)

Does the plan include procedures and techniques for:

1. Sample collection
2. Sample preservation and shipment
3. Analytical procedures
4. Chain of custody

✓ — —
✓ — —
✓ — —
✓ — —

7:26-11.3

Surface Impoundments

Describe the design and operating features of the surface impoundment to prevent groundwater contamination (e.g., liner leachate collection system).

Note. Earthen impoundments, may be clay-lined - item # 112

Give the approximate size of surface impoundments (gallons or cubic feet). Please specify the types of waste stored and treated.

- ① Northfield stormwater retention basin - 15,640 mg oily/water
- ② Northfield surge pond - 8,48 mg have not used in years, oily material (solids) from tank cleanings, was designed as oil/water separator for IAF Flood

7:26-11.3(a)

Is there at least 2 feet of freeboard in the impoundment?

- ③ East Yard - stormwater retention basin - 149 mg oily/water

		YES	NO	N/A
7:26-11.3(b)	Do all earthen dikes have a protective cover to preserve their structural integrity?	✓	—	—
	If yes, please specify the type of covering.			
	stone / gravel / grass			
7:26-9.4(b)1	Does the owner/operator have a detailed chemical and physical analysis of a representative sample of the waste in the impoundment?	✓	—	—
7:26-9.4(c)2	Does the owner/operator place the results from each waste analysis and trial test, or the documented information, in the operating record of the facility?	✓	—	—
7:26-11.3(d)	Does the owner or operator inspect:			
7:26-11.3(d)1	The freeboard level at least once each operating day to ensure compliance with subsection 11.3(a)?	✓	—	—
7:26-11.3(d)2	The surface impoundment, including dikes and vegetation surrounding the dike, at least once a week to detect any leaks, deterioration or failures in the impoundment?	✓	—	—
7:26-11.3(f)	Is ignitable or reactive waste placed in the surface impoundment?	✓	—	—
7:26-11.3(f)1	If yes, is the waste treated, rendered, or mixed before or immediately after placement in the impoundment?	—	—	✓
7:26-11.3(f)1i	Does the resulting waste, mixture, or dissolution of material no longer meet the definition of ignitable or reactive waste?	—	—	✓
7:26-11.3(f)1ii	Is the waste treated, rendered or mixed so that it does not:			
7:26-9.4(e)2i	Generate extreme heat or pressure, fire or explosion, or violent reaction?	✓	—	—
7:26-9.4(e)2ii	Produce uncontrolled toxic mists, fumes, dusts, of gases in sufficient quantities to threaten human health?	✓	—	—
7:26-9.4(e)2iii	Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosion?	✓	—	—
	Have analysis of recovered oil & skimmed off effluent - ignitable data in File -			

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-9.4(e)2iv	Damage the structural integrity of the device or facility containing the waste?	—	—	✓
7:26-9.4(e)2v	Threaten human health or the environment?	—	—	✓
7:26-11.3(f)2	Is the surface impoundment used solely for emergencies? <i>ROUTINE USE</i>	—	✓	—
7:26-11.3(g)	Are incompatible wastes, or incompatible wastes and materials placed in the same surface impoundment?	—	✓	—
	If yes, is the waste managed so that it does not:			
7:26-9.4(e)2i	Generate extreme heat or pressure, fire or explosion, or violent reaction?	—	—	✓
7:26-9.4(e)2ii	Produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health?	—	—	✓
7:26-9.4(e)2iii	Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosion?	—	—	✓
7:26-9.4(e)2iv	Damage the structural integrity of the device or facility containing the waste?	—	—	✓
7:26-9.4(e)2v	Threaten human health or the environment?	—	—	✓

Waste Piles

How many waste piles are on-site and approximately how large are they? (Please indicate size and height and types of wastes in piles.)

Is the waste pile protected from wind erosion? — — —

a) Does it appear to need such protection? — — —

b) Explain what type of protection does exist.

7:26-9.3(a)5i Is the waste pile larger than 200 cubic yards? — — —

✓
↓
↓

		YES	NO	N/A
7:26-9.3(a)5ii	Is the pile placed on an impermeable base that is compatible with the waste?	—	—	✓
	If no, explain.			
7:26-9.3(a)5iii	Is run-on diverted away from the pile?	—	—	—
7:26-9.3(a)5iv	Is leachate and run-off from the pile collected and managed as a hazardous waste?	—	—	—
7:26-11.4	<u>Landfills</u>			
	Identify the types of waste and size of the landfill.			
	<u>General Operating Requirements</u>			
7:26-11.4(a)1	Is run-on diverted away from all portions of the landfill?	—	—	—
7:26-11.4(a)2	Is run-off from active portions of the landfill collected?	—	—	—
7:26-11.4(a)3	Is waste which is subject to wind dispersal controlled?	—	—	—
	Please explain how.			
7:26-11.4(a)4	Does waste disposal or the disposal operation occur within 200 feet (60.6 meters) of the property boundary?	—	—	—
7:26-11.4(a)6	Are untreated, ignitable, or reactive wastes placed in the landfill?	—	—	✓
	If yes, explain.			

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-11.4(a)7	Are incompatible wastes, or incompatible wastes and materials placed in the same hazardous waste landfill cell?	—	—	✓
	If yes, explain.			
7:26-11.4(a)8	Are bulk or non-containerized liquid waste or waste containing free liquids placed in a hazardous waste landfill?	—	—	
	If yes:			
7:26-11.4(a)8i	Does the hazardous waste landfill have a liner which is chemically and physically resistant to the added liquid and a functioning leachate collection and removal system with a capacity sufficient to remove all leachate produced?	—	—	
7:26-11.4(a)8ii	Before disposal, is the liquid waste or waste containing free liquids treated or stabilized, chemically or physically, so that free liquids are no longer present?	—	—	
7:26-11.4(a)9	Are containers holding liquid waste or waste containing free liquids placed in a hazardous waste landfill?	—	—	
	If yes:			
7:26-11.4(a)9i	Is the container designed to hold liquids or free liquids for a use other than storage, such as a battery?	—	—	
7:26-11.4(a)9ii	Is the container very small, such as an ampule?	—	—	
7:26-11.4(a)10	Are empty containers crushed flat, shredded, or similarly reduced in volume before it is buried beneath the surface of a hazardous waste landfill?	—	—	
7:26-11.4(a)11	Does the owner or operator of a hazardous waste landfill continue to dispose of hazardous wastes subsequent to the detection of any liquid, in the secondary collection system?	—	—	
7:26-11.4(b)	Does the owner or operator of a hazardous waste landfill maintain an operating record required in N.J.A.C. 7:26-9.4(i)?	—	—	✓

7:26-11.4(b)1

Does the owner/operator maintain a map, the exact location and dimensions, including depth of each cell with respect to permanently surveyed bench marks?

YES

NO

N/A

7:26-11.4(b)2

The contents of each cell and the appropriate location of each hazardous waste type within each cell?

Are containers holding liquid waste or waste containing free liquids placed in the landfill?

Please describe the types and contents of such containers placed in the landfill.

Are empty containers placed in the landfill crushed flat, shredded or similarly reduced in volume before they are buried?

Are small containers of hazardous waste in overpacked drums placed in the landfill?

If yes, please describe precautions taken to prevent the release of the waste.

7:26-11.5

Incinerator

What type of incinerator is at the site (e.g., waterwall incinerator, boiler, fluidized bed, etc.)

List the types and quantities of hazardous waste incinerated.

	YES	NO	N/A
Is the residue from the incinerator a hazardous waste?	—	—	✓
What types of air pollution control devices (if any) are installed in the incinerator unit?	—	—	—
Is energy recovered from the process?	—	—	—
If yes, describe.	—	—	—
What is the destruction and removal efficiency for the organic hazardous waste constituents?	—	—	—
7:26-11.5(b)1 Does the operating record include additional analysis and to determine types of pollutants which might be emitted including:	—	—	—
7:26-11.5(b)1i Heating value of the waste?	—	—	—
7:26-11.5(b)1ii Halogen and sulfur content?	—	—	—
7:26-11.5(b)1iii Concentrations of lead and mercury?	—	—	—
7:26-11.5(2) If no to any of the above questions, is there justification and documentation?	—	—	—
If operating, does it appear the incinerator is operating at steady state for conditions of operation, including temperature and air flow?	—	—	—
<u>Monitoring and Inspection</u>			
7:26-11.5(c)1 Are existing instruments relating to combustion and emission controls monitored every 15 minutes?	—	—	✓
If no, explain.	—	—	—

		<u>YES</u>	<u>NO</u>	<u>N/A</u>
7:26-11.5(c)1	Does the incinerator have all the following instruments for measuring: wastefeed, auxiliary fuel feed air flow, incinerator temperature scrubber flow, and scrubber pH? (Circle missing instruments.)			✓
	If no, explain.			
7:26-11.5(c)2	Is the stack plume observed visually at least hourly for opacity and color?			
7:26-11.5(c)3	Are there any signs of leaks, spill and fugitive emission associated with the pumps, valves, conveyors, pipes, etc?			
	If yes, describe.			
7:26-11.5(c)3	Are all emergency shutdown controls and system alarms checked to assure proper operation?			
	Is there any reason to believe the incinerator is being operated improperly? i.e., steady state conditions are not maintained.			
	If yes, explain.			
7:26-11.5(c)3	Is the incinerator inspected daily?			
7:26-11.5(e)	Is there open burning of hazardous waste?			
	If yes, what is being burned? (Only burning or detonation of explosives is permitted.)			
	If open burning or detonation of explosives is taking place, approximately what is the distance from the open burning or detonation to the property of others?			

	<u>YES</u>	<u>NO</u>	<u>N/A</u>
Are containers holding liquid waste or waste containing free liquids placed in the landfill?	—	—	✓

Please describe the types and contents of such containers placed in the landfill.

Are empty containers placed in the landfill crushed flat, shredded or similarly reduced in volume before they are buried?

Are small containers of hazardous waste in overpacked drums placed in the landfill?

If yes, please describe precautions taken to prevent the release of the waste.

7:26-11.6

Thermal Treatment

What type of thermal treatment is at the site (e.g., waterwall incinerator, boiler, fluidized bed, etc.)

List the types and quantities of hazardous waste thermally treated.

Is the residue from the thermal treatment unit a hazardous waste?

What types of air pollution control devices (if any) are installed in the thermal treatment unit?

	YES	NO	N/A
Is energy recovered from the process?			✓
If yes, describe.			
What is the destruction and removal efficiency for the organic hazardous waste constituents?			
7:26-11.6(b)1 Does the operating record include additional analysis and to determine types of pollutants which might be emitted including:			
7:26-11.6(b)1i Heating value of the waste?			
7:26-11.6(b)1ii Halogen and sulfur content?			
7:26-11.6(b)1iii Concentrations of lead and mercury?			
7:26-11.6(2) If no to any of the above questions, is there justification and documentation?			
If operating, does it appear the thermal treatment unit is operating at steady state for conditions of operation, including temperature and air flow?			
<u>Monitoring and Inspection</u>			
Are existing instruments relating to combustion and emission controls monitored every 15 minutes?			
If no, explain.			
7:26-11.6(c)1 Does the thermal treatment have all the following instruments for measuring: wastefeed, auxiliary fuel feed air flow, incinerator temperature scrubber flow, and scrubber pH? (Circle missing instruments.)			
If no, explain.			

		YES	NO	N/A
7:26-11.6(c)2	Is the stack plume observed visually at least hourly for opacity and color?	—	—	✓
7:26-11.6(c)3	Are there any signs of leaks, spill and fugitive emission associated with the pumps, valves, conveyors, pipes, etc?	—	—	—
	If yes, describe.			
7:26-11.6(c)3	Are all emergency shutdown controls and system alarms checked to assure proper operation?	—	—	—
	Is there any reason to believe the thermal treatment unit is being operated improperly? i.e., steady state conditions are not maintained.	—	—	—
	If yes, explain.			
7:26-11.6(c)3	Is the thermal treatment inspected daily?	—	—	—
7:26-11.6(e)	Is there open burning of hazardous waste?	—	—	✓
	If yes, what is being burned? (Only burning or detonation of explosives is permitted.)			

If open burning or detonation of explosives is taking place, approximately what is the distance from the open burning or detonation to the property of others?

7:26-11.7

Chemical, Physical and Biological Treatment

(Other than in tanks, surface impoundments or plant treatment facilities)

✓

YES NO N/A

Describe the treatment system at this facility and the types of wastes treated.

Biological Degradation of oily waste in Landfarm/
Land Application

7:26-11.7(a)2

Does the treatment process system show any signs of ruptures, leaks or corrosion?

✓ — —

If yes, describe.

7:26-11.7(a)3

Is there a means to stop the inflow of continuously-fed hazardous wastes?

— — ✓

Inspections

7:26-11.7(c)1

Is the discharge control safety equipment (e.g., waste feed cut-off systems, by-pass systems, drainage systems and pressure relief systems) in good working order?

✓ — —

7:26-11.7(c)1

Are they inspected at least once each operation day?

Unit not currently operating - 10/82

— ✓ —

7:26-11.7(c)2

Does the data gathered from the monitoring equipment (e.g., pressure and temperature gauges) show treatment process is operating according to design?

— — ✓

7:26-11.7(c)2

Is data gathered at least once each operating day?

— — —

7:26-11.7(c)3

Are construction materials of the treatment process inspected at least weekly to detect corrosion or leaking of fixtures and seams?

— — —

7:26-11.7(c)4

Are the discharge confinement structures (e.g., dikes) immediately surrounding the treatment unit inspected at least weekly to detect erosion or obvious signs of leakage (e.g., wet spots or dead vegetation)?

— — —

7:26-11.7(e)1

Are ignitable or reactive waste fed into the waste treatment system treated or protected from any material or conditions which may cause it to ignite or react?

— — —

If yes, explain how.

YES

NO

N/A

7:26-11.7(f)

Are the incompatible wastes placed in the same treatment process?

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If yes, please explain.